

PROBLUE RO Reverse osmosis membrane + housing

PROBLUE RO TW4021 045 XLE HF

[Link to product's PDF drawing](#)

http://www.everblue.it/CadDrawings/PROBLUE RO TW4021045 XLE HF_1.pdf

FEATURES

Model	PROBLUE RO
Configuration	Spiral wound membrane
Membrane material	Polyamide composite
Housing material	PVC
Membrane area	45 ft ²
Weight	4 lbs (1,8 Kg)

TECHNICAL SPECS

Flow min.	1600 gpd (6,06 m ³ /d)
Rejection	98,5% (nominale) 97,5% (minimo)

TEST CONDITIONS

Solution NaCl	1500 ppm
Pressure	150 psi (10,3 bar)
Temperature	77°F (25°C)
Permeate recovery	10%
PH Range	6,5 - 7,0

MAX OPERATING LIMITS

Operating pressure	150 psi (10 bar)
Pressure drop	10 psi (0,7 bar)
Temperature	113°F (45°C)
Feed flow	12 gpm (45,4 lpm)
Clorine concentration	< 0,1 ppm
Feed water SDI max (15 min.)	5,0
Feed water turbidity max	1,0 NTU
Feed water pH	3,0 - 10,0
Min. ration of concentrate to permeate flow each elem.	5:1

Code	Description	Quantity box	-
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MEMBRANES CODE LIST

Model		Type	Diameter		Length		Area		Pressure		Spec/rejection	
PBRO		TW	4"	40	21"	21	45 ft ²	045	Extra Low Energy	XLE	High Flux	HF

Approximate picture. Configuration and measures choice will lead to the assembly of a product which could differ from those shown in figure



The permeate flow for individual elements may vary + or - of 15%. The elements are vacuum sealed in a polyethylene bag and containing less than 1.0% sodium metabisulphite and 10% propylene glycol solution.

The limitations mentioned in the "Operating Limits" are for general use. For specific projects, the values may be more conservative to ensure the best performance and a longer life of the membrane.

The customer is fully responsible for the effects on the elements of incompatible chemicals. The presence of free chlorine and other oxidizing agents will cause damage to the membrane. The damage is not covered under warranty.

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